

~~A BUILDING PANEL AND PLANT FOR THE MANUFACTURE THEREOF~~  
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ABSTRACT

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5     This building panel consists of a lightweight panel for external or  
internal closures of latticework support structures, which is constituted by  
slabs of air-setting resistant material. The slabs are reinforced in the façade  
panels for external closures and unreinforced for the dividing panels for  
internal closures. They are provided with a patterned surface on the visible  
10    face and are smooth or shaped at the edges. The visible face is formed by  
a thin layer of molded synthetic resin or fine mortar paste. When the layer is  
molded synthetic resin and is disposed as a shell for the panel, it comprises  
over the whole of the inner surface thereof an internal synthetic resin layer,  
the entire free surface of which is covered with a solid bulk material, the  
15    components of which are firmly partially anchored in said internal layer and  
afford a substantial free surface for anchorage of the air-setting material  
forming the resistant body poured thereover. This material fills the entire  
volume of said panel shell, at the same time as it includes therein  
reinforcement means provided with points directly accessible from the  
20    outside of the concealed face of the panel.

Figure 5.

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